



The Building Trades:

Training for California's Green Future



Demand for workers

Estimated **144,000** new construction workers needed over next 10 years (DAS)

- *\$37 Billion in State Infrastructure Bonds, plus \$15 Billion in county bonds*

+

- *Stimulus & Green Jobs*

+

- *Retirement of current workers (25% in next 7 years, but may be delayed...)*

Who are we?

◆ National

- Building & Construction Trades Department, AFL-CIO

◆ State

- State Building & Construction Trades Council of CA, AFL-CIO

◆ Regional / Local

- **22** — Local Building Trades Councils
- **175** — Individual Trade Unions all over CA
- **135** — Apprenticeship Programs--JATCs

Meet The Building Trades

Boilermakers

Bricklayers

Carpenters

Electrical Workers

Elevator Constructors

Heat & Frost Insulators & Asbestos Workers

Iron Workers

Laborers

Operating Engineers

Plasterers & Cement Masons

Painters, Glaziers, Floor Coverers

Plumbers & Pipe Fitters (aka United Association)

Roofers & Waterproofers

Sheet Metal Workers

Teamsters

How Union Apprenticeship Programs Work

- New apprentices are employed—classroom learning supplements training on the job under the tutelage of journeymen. “Learn as you earn.”
- Apprenticeship Programs are 3-5 years.
- Programs operate under standards by the CA Division of Apprenticeship Standards (DAS)
- The sponsoring Joint Apprenticeship Training Committee (JATC) pays the costs, making it affordable for all.

Capacity of Union Apprenticeship Programs

- Union members & employers invest in the future—spending \$100 million/year on apprenticeship training in CA. (\$5-8,000/year/apprentice)
- Programs gear up/down based on work & need. Acceptance into a program varies by trade and local market conditions.
- International unions and the National Labor College are developing green curricula.

2008

Outreach to youth and transitioning adults

- 124** schools (classes & career fairs)
- 71** community group presentations
- 58** community, one-stop and multi-craft
career fairs
- 3** One stop staff trainings
- 60** presentations at prisons, juvenile halls,
camps, schools, probation programs

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BUILDING CALIFORNIA CONSTRUCTION CAREERS

SEARCH

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Basic Requirements

MUST:

- ☐ Be 18 years old
- ☐ Have H.S. diploma or GED
- ☐ Be Drug Free

Should:

- ☐ Have CA Drivers License
- ☐ Transportation
- ☐ Good Math Skills
- ☐ Ability to Read & Write


Partnerships are key to preparing people for applying to apprenticeship

Great Opportunities For...

- ◆ **WOMEN**—to choose high paying careers over “dead-end” jobs
- ◆ **VETERANS**—transition from military with Helmets to Hardhats program
- ◆ **EX-OFFENDERS**—shift from prison to paychecks

Women are gaining access to & visibility in the building trades

**WOMEN
BUILDING
CALIFORNIA**



May 2-3, 2009

**LA Marriott
Downtown**

Los Angeles, CA

**Eighth Annual
Statewide
Conference for
Women in the
Trades**

Helmet to Hardhats

National Building Trades program links employers and apprenticeship programs with veterans seeking work.

Primarily web-based.

www.helmetstohardhats.org

What's GREEN about it?

Building Green Skills:

Partnership of Calif. Labor Federation and
State Building Trades Council

Employment Training Panel (ETP) funds
JATCs to train journeymen for green jobs

Initial grant (with more to come):

- \$1.2 Million
- 6 JATCs

Training journeymen in: Solar Installation

New types of floor & wall
coverings

New Plumbing and piping:
going

waterless

Wind Turbines

Smart Buildings

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www.sbctc.org

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